

# Bituminous Coal and Lignite Surface Mining: 2002

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## 2002 Economic Census

### *Mining*

#### Industry Series



U S C E N S U S B U R E A U

*Helping You Make Informed Decisions*

U.S. Department of Commerce  
Economics and Statistics Administration  
U.S. CENSUS BUREAU



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Table 1. **Historical Statistics for the Industry: 2002 and 1997**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year	Companies <sup>1</sup>	All establishments <sup>2</sup>	All employees		Production, development, and exploration workers			Value added (\$1,000)	Total cost of supplies (\$1,000)	Total value of shipments and receipts for services (\$1,000)	Capital expenditures (\$1,000)	
			For pay period including March 12	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)					
212111, Bituminous coal and lignite surface mining .....	2002... 1997..	486 607	642 829	32 755 36 632	1 616 814 1 652 355	27 748 30 398	58 224 64 952	1 346 416 1 323 722	7 556 741 7 289 615	4 392 593 5 927 643	10 600 120 12 451 067	812 939 766 191

<sup>1</sup>For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

<sup>2</sup>Includes establishments with payroll at any time during the year.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 2. Industry Statistics for Selected States and Offshore Areas: 2002**

[Offshore areas refer to those areas not associated with a state. States that are disclosures or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production, development, and exploration workers			Value added (\$1,000)	Total cost of supplies (\$1,000)	Total value of shipments and receipts for services (\$1,000)	Capital expenditures (\$1,000)
		Total	With 20 employees or more	For pay period including March 12	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)				
212111, Bituminous coal and lignite surface mining												
United States .....	—	642	303	32 755	1 616 814	27 748	58 224	1 346 416	7 556 741	4 392 593	10 600 120	812 939
Alabama .....	1	28	12	567	24 489	474	1 009	19 760	94 888	62 189	138 884	12 553
Colorado .....	—	8	5	674	38 320	551	1 177	32 468	150 979	62 774	204 527	5 710
Kentucky .....	1	126	68	5 628	246 377	4 809	9 793	209 332	1 167 352	731 069	1 657 595	170 122
Montana .....	—	6	4	752	40 746	667	1 436	34 945	245 015	98 127	332 325	10 817
North Dakota .....	—	6	4	931	61 383	731	1 516	47 077	218 838	83 374	259 930	41 140
Pennsylvania .....	3	119	23	1 718	70 384	1 362	2 830	52 699	271 185	144 944	339 202	22 974
Virginia .....	3	62	29	1 599	70 971	1 404	2 781	61 063	347 157	373 854	616 898	29 834
West Virginia .....	—	107	59	5 937	255 154	5 169	10 589	215 545	1 389 175	772 916	1 900 926	161 248
Wyoming .....	—	17	17	5 135	275 776	4 398	9 357	233 470	1 606 442	887 363	2 331 389	132 694

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

**Table 3. Detailed Statistics by Industry: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
<b>212111, Bituminous coal and lignite surface mining</b>	
Companies <sup>1</sup> .....	number.. 486
All establishments <sup>2</sup> .....	number.. 642
Establishments with 0 to 19 employees .....	number.. 339
Establishments with 20 to 99 employees .....	number.. 216
Establishments with 100 employees or more .....	number.. 87
All employees for pay period including March 12 .....	number.. 32 755
Total compensation .....	\$1,000.. 2 141 260
Annual payroll .....	\$1,000.. 1 616 814
Annual fringe benefits not included in payroll .....	\$1,000.. 524 446
Production, development, and exploration workers for pay period including March 12 .....	number.. 27 748
Production, development, and exploration worker annual hours .....	1,000.. 58 224
Production, development, and exploration worker annual wages .....	\$1,000.. 1 346 416
Total cost of supplies .....	\$1,000.. 4 392 593
Supplies used, minerals received, and purchased machinery installed .....	\$1,000.. 3 243 260
Resales .....	\$1,000.. 125 486
Purchased fuels consumed .....	\$1,000.. 339 235
Purchased electricity .....	\$1,000.. 161 594
Contract work .....	\$1,000.. 523 018
Quantity of electricity purchased .....	1,000 kWh.. 3 698 491
Quantity of electricity generated less sold .....	1,000 kWh.. D
Total other expenses .....	\$1,000.. 606 217
Response coverage ratio <sup>3</sup> .....	percent.. 79
Communications services .....	\$1,000.. 11 843
Legal services .....	\$1,000.. 15 083
Accounting, auditing, and bookkeeping services .....	\$1,000.. 4 964
Advertising and promotional services .....	\$1,000.. 4 344
All other expenses (not included above) .....	\$1,000.. 569 983
Total value of shipments and receipts for services .....	\$1,000.. 10 600 120
Primary products value of shipments .....	\$1,000.. D
Secondary products value of shipments and receipts for services .....	\$1,000.. D
Value of resales .....	\$1,000.. 171 417
Value of primary products shipments or services produced in all industries .....	\$1,000.. 10 399 121
Value of primary products shipments or services produced in this industry .....	\$1,000.. D
Value of primary products shipments or services produced in other industries .....	\$1,000.. D
Value added .....	\$1,000.. 7 556 741
Total inventories, end of 2001 .....	\$1,000.. 467 224
Mineral products, crude petroleum, and natural gas liquids inventories .....	\$1,000.. 215 437
Supplies, parts, fuels, etc., inventories .....	\$1,000.. 251 787
Total inventories, end of 2002 .....	\$1,000.. 492 332
Mineral products, crude petroleum, and natural gas liquids inventories .....	\$1,000.. 246 462
Supplies, parts, fuels, etc., inventories .....	\$1,000.. 245 870
Gross book value of depreciable/depletable assets at beginning of year .....	\$1,000.. 12 376 888
Capital expenditures (except land and mineral rights) .....	\$1,000.. 812 939
Capital expenditures for buildings, structures, machinery, and equipment (new and used) .....	\$1,000.. 702 277
Capital expenditures for mineral exploration and development .....	\$1,000.. 110 662
Capital expenditures for mineral land and rights .....	\$1,000.. 61 225
Deductions from depreciable/depletable assets during year .....	\$1,000.. 673 593
Gross book value of depreciable/depletable assets at end of year .....	\$1,000.. 12 577 459
Total depreciation/depletion charges during year .....	\$1,000.. 750 851
Total rental payments during year .....	\$1,000.. 351 332
Buildings and other structures .....	\$1,000.. 9 415
Machinery and equipment .....	\$1,000.. 341 917
Lease rents .....	\$1,000.. 122 515
Expensed mineral exploration, development, land, and rights .....	\$1,000.. 467 003

<sup>1</sup>For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>A response coverage ratio is derived for this item by calculating the ratio of the employment for those establishments that reported this item to the total employment for all establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 4. Industry Statistics by Employment Size: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E <sup>1</sup>	All establishments <sup>2</sup>	All employees		Production, development, and exploration workers			Value added (\$1,000)	Total cost of supplies (\$1,000)	Total value of shipments and receipts for services (\$1,000)	Capital expenditures (\$1,000)
			For pay period including March 12	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)				
212111, Bituminous coal and lignite surface mining											
All establishments .....	—	642	32 755	1 616 814	27 748	58 224	1 346 416	7 556 741	4 392 593	10 600 120	812 939
Establishments with —											
0 to 4 employees .....	8	192	365	15 779	284	564	11 411	78 226	28 906	77 435	3 974
5 to 9 employees .....	7	66	441	21 139	316	686	14 464	123 573	182 553	273 684	5 387
10 to 19 employees .....	3	81	1 165	52 802	929	1 907	40 924	251 357	133 025	314 029	20 047
20 to 49 employees .....	2	144	4 779	208 232	4 075	8 563	174 074	1 170 460	615 248	1 511 376	129 510
50 to 99 employees .....	—	72	5 008	233 752	4 323	9 224	199 374	946 282	793 556	1 547 454	154 814
100 to 249 employees .....	—	57	8 908	432 516	7 553	15 138	359 209	1 979 717	1 257 360	3 000 706	198 288
250 to 499 employees .....	—	24	8 302	451 008	7 229	15 470	387 681	1 941 931	916 630	2 524 972	227 133
500 to 999 employees .....	—	6	3 787	201 586	3 039	6 672	159 279	1 065 195	465 315	1 350 464	73 786
1,000 to 2,499 employees .....	—	—	—	—	—	—	—	—	—	—	—
2,500 employees or more .....	—	—	—	—	—	—	—	—	—	—	—
Administrative records <sup>3</sup> .....	9	202	756	35 795	606	1 283	26 815	169 045	62 464	151 518	9 352

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 5. Industry Statistics by Type of Operation: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and type of operation	All establishments <sup>1</sup>		All employees		Production, development, and exploration workers			Value added (\$1,000)	Total value of shipments and receipts for services (\$1,000)
	Total	With 20 employees or more	For pay period including March 12	Annual payroll (\$1,000)	For pay period including March 12	Annual hours (1,000)	Annual wages (\$1,000)		
212111, Bituminous coal and lignite surface mining									
All establishments .....	642	303	32 755	1 616 814	27 748	58 224	1 346 416	7 556 741	10 600 120
Producing establishments .....	637	302	32 697	1 614 816	27 712	58 145	1 345 004	7 556 734	10 600 120
Mines or wells only .....	366	99	7 648	355 980	6 174	13 264	278 707	1 616 558	1 845 184
Underground mines .....	—	—	—	—	—	—	—	—	—
Open-pit mines .....	355	89	7 206	336 430	5 775	12 420	260 487	1 514 374	1 659 339
Combination mines, well operations, or other types of mines .....	11	10	442	19 550	399	844	18 220	102 184	185 845
Mines with preparation plants .....	216	172	23 132	1 185 621	20 005	42 084	1 007 076	5 578 652	7 758 936
Underground mines .....	—	—	—	—	—	—	—	—	—
Open-pit mines .....	190	151	21 168	1 100 888	18 347	38 611	935 216	5 092 706	7 097 166
Combination mines or other types of mines .....	26	21	1 964	84 733	1 658	3 473	71 860	485 946	661 770
Separately operated preparation plants .....	35	25	1 666	62 533	1 369	2 445	52 027	324 616	944 036
Undistributed <sup>2</sup> .....	20	6	251	10 682	164	352	7 194	36 908	51 964
Nonproducing establishments .....	5	1	58	1 998	36	79	1 412	7	—

<sup>1</sup>Includes establishments with payroll at any time during the year.

<sup>2</sup>Includes data for establishments that were not possible to classify based on information available.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 6a. Products or Services Statistics: 2002 and 1997**

[Includes quantity and value of products or receipts for services of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product or service code	Product or service	Quantity of production for all purposes	Product shipments or receipts for services	
			Quantity	Value (\$1,000)
212111	Bituminous coal and lignite surface mining .....	2002.. X 1997.. X	X X	10 399 121 12 333 441
2121111	Run-of-mine (raw) bituminous coal and lignite shipped from surface mining operations .....	2002.. X 1997.. X	X X	1 541 494 1 637 862
21211111	Run-of-mine (raw) bituminous coal and lignite shipped from surface mining operations, for use without processing .....	2002.. X 1997.. X	X X	489 427 531 756
212111111	Run-of-mine (raw) bituminous coal and lignite shipped from surface mining operations, for use without processing .....	mil s tons ..2002.. X 1997.. X	S 25.0	489 427 531 756
21211112	Run-of-mine (raw) bituminous coal and lignite shipped from surface mining operations, for processing at other establishments .....	2002.. X 1997.. X	X X	1 052 067 1 106 106
2121111221	Run-of-mine (raw) bituminous coal and lignite shipped from surface mining operations, for processing at other establishments .....	mil s tons ..2002.. X 1997.. X	949.1 67.9	1 052 067 1 106 106
2121113	Processed bituminous coal and lignite shipped from surface operations .....	2002.. X 1997.. X	X X	8 326 844 10 222 212
21211131	Processed bituminous coal and lignite shipped from surface operations, washed by wet-washing, pneumatic, or other methods .....	2002.. X 1997.. X	X X	2 648 693 4 811 211
212111311	Processed bituminous coal and lignite shipped from surface operations, washed by wet-washing, pneumatic, or other methods .....	mil s tons ..2002.. X 1997.. X	P113.1 182.2	2 648 693 4 811 211
21211132	Processed bituminous coal shipped from surface operations (mechanically crushed, screened, or sized only) .....	2002.. X 1997.. X	X X	1 902 861 2 675 786
2121113221	Processed bituminous coal shipped from surface operations (mechanically crushed, screened, or sized only) .....	mil s tons ..2002.. X 1997.. X	80.3 114.2	1 902 861 2 675 786
21211133	Processed subbituminous coal shipped from surface operations (mechanically crushed, screened, or sized only) .....	2002.. X 1997.. X	X X	2 944 733 1 888 198
2121113331	Processed subbituminous coal shipped from surface operations (mechanically crushed, screened, or sized only) .....	mil s tons ..2002.. X 1997.. X	399.2 308.1	2 944 733 1 888 198
21211134	Processed lignite coal shipped from surface operations (mechanically crushed, screened, or sized only) .....	2002.. X 1997.. X	X X	830 557 847 017
2121113441	Processed lignite coal shipped from surface operations (mechanically crushed, screened, or sized only) .....	mil s tons ..2002.. X 1997.. X	74.3 80.9	830 557 847 017
212111W	Bituminous coal and lignite surface mining, nsk .....	2002.. X 1997.. X	X X	530 783 473 367
212111WY	Bituminous coal and lignite surface mining, nsk .....	2002.. X 1997.. X	X X	530 783 473 367
212111WYWT	Bituminous coal and lignite surface mining, nsk .....	2002.. X 1997.. X	X X	530 783 473 367

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.



Table 6b. **Product Class Shipments or Receipts for Services for Selected States and Offshore Areas: 2002 and 1997**

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Product or service class code	Product or service class and geographic area	Value of product shipments or receipts for services (\$1,000)
2121111	Run-of-mine (raw) bituminous coal and lignite shipped from surface mining operations	
	United States . . . . . 2002 . .	1 541 494
	1997 . .	1 637 862
	Alabama . . . . . 2002 . .	49 606
	1997 . .	22 981
	Colorado . . . . . 2002 . .	82 064
	1997 . .	78 153
	Indiana . . . . . 2002 . .	40 462
	1997 . .	N
	Kentucky . . . . . 2002 . .	473 611
	1997 . .	330 137
	Maryland . . . . . 2002 . .	16 825
	Ohio . . . . . 1997 . .	N
	2002 . .	56 694
	1997 . .	55 344
	Pennsylvania . . . . . 2002 . .	64 294
	1997 . .	161 514
	Virginia . . . . . 2002 . .	110 222
	1997 . .	164 978
	West Virginia . . . . . 2002 . .	473 500
	1997 . .	585 830
2121113	Processed bituminous coal and lignite shipped from surface operations	
	United States . . . . . 2002 . .	8 326 844
	1997 . .	10 222 212
	Alabama . . . . . 2002 . .	76 540
	1997 . .	223 177
	Illinois . . . . . 2002 . .	178 666
	1997 . .	305 464
	Indiana . . . . . 2002 . .	562 269
	1997 . .	308 929
	Kentucky . . . . . 2002 . .	987 437
	1997 . .	1 918 713
	Montana . . . . . 2002 . .	339 042
	New Mexico . . . . . 1997 . .	402 748
	2002 . .	447 625
	1997 . .	N
	North Dakota . . . . . 2002 . .	257 461
	1997 . .	235 898
	Ohio . . . . . 2002 . .	143 924
	1997 . .	288 258
	Pennsylvania . . . . . 2002 . .	188 240
	1997 . .	708 729
	Tennessee . . . . . 2002 . .	19 638
	Virginia . . . . . 1997 . .	58 573
	2002 . .	356 481
	1997 . .	522 965
	West Virginia . . . . . 2002 . .	1 373 908
	1997 . .	1 802 093
	Wyoming . . . . . 2002 . .	2 252 244
	1997 . .	1 672 771

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

**Table 7. Selected Supplies, Minerals Received for Preparation, Purchased Machinery, and Fuels Consumed by Type: 2002 and 1997**

[Includes quantity and cost of supplies and fuels consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Supply or fuel code	Supply or fuel consumed	Quantity	Delivered cost (\$1,000)
212111	Bituminous coal and lignite surface mining		
	Supplies consumed by type		
21211005	Run-of-mine (raw) coal, received for washing (wet-washing, pneumatic, etc.) . . . . . mil s tons . .2002..	42.1	463 341
	1997..	180.4	2 368 122
21211007	Run-of-mine (raw) coal, mined and processed at same establishment by washing (wet-washing, pneumatic, etc.) . . . . . mil s tons . .2002..	118.1	X
	1997..	98.2	X
21211009	Run-of-mine (raw) coal, received for processing by other methods (including mechanical crushing, screening, or sizing) . . . . . mil s tons . .2002..	S	224 526
	1997..	9.8	184 043
21211011	Run-of-mine (raw) coal mined and processed at same establishment by other methods (including mechanically crushing, screening and sizing) . . . . . mil s tons . .2002..	555.8	X
	1997..	490.6	X
33300007	Purchased machinery installed, including mobile loading, transportation, and other equipment installed at the operation . . . . .2002..	X	592 542
	1997..	X	488 185
33300009	Parts and attachments for mining, mineral preparation, construction, and conveying machinery and equipment . . . . .2002..	X	653 460
	1997..	X	549 976
31320029	Filter and brattice cloth . . . . .2002..	X	10 763
	1997..	X	3 271
11300000	Wood products and stumpage, round and hewn . . . . .2002..	X	1 740
	1997..	X	1 070
32592003	Explosive materials, excluding ammonium nitrate . . . . .2002..	X	124 468
	1997..	X	88 255
32592005	Ammonium nitrate . . . . .2002..	X	160 633
	1997..	X	164 934
32592007	Blasting accessories . . . . .2002..	X	45 097
	1997..	X	43 460
32419100	Lubricating oils and greases (including hydraulic oils) . . . . .2002..	X	55 909
	1997..	X	42 663
32621001	Tires and inner tubes . . . . .2002..	X	71 713
	1997..	X	70 231
32600009	Rubber and plastics products (hose, conveyor belting, etc.) excluding tires, tubes, and gaskets . . . . .2002..	X	16 995
	1997..	X	7 486
32700037	Concrete products . . . . .2002..	X	3 149
	1997..	X	1 782
32799217	Nonmetallic mineral products (rock dust, other prepared nonmetallic minerals and earths, etc.) . . . . .2002..	X	9 001
	1997..	X	5 871
33120049	Steel shapes and forms (excluding castings, forgings, and wire products) . . . . .2002..	X	25 699
	1997..	X	13 273
33100085	Nonferrous metal wire including trolley wire . . . . .2002..	X	2 847
	1997..	X	1 049
33272200	Roof bolts . . . . .2002..	X	7 048
	1997..	X	1 940
33290007	Wire rope, cable, springs, and other fabricated wire products (excluding wire) . . . . .2002..	X	21 828
	1997..	X	22 681
33300005	Drill bits and reamers . . . . .2002..	X	16 905
	1997..	X	11 458
00970098	All other supplies . . . . .2002..	X	348 368
	1997..	X	351 324
00973000	Undistributed minerals, purchased machinery, parts, attachments, and supplies used . . . . .2002..	X	387 228
	1997..	X	272 034
	Fuels consumed by type		
21211003	Coal (bituminous, subbituminous, lignite, and anthracite) consumed as a fuel . . . . .1,000 s tons . .2002..	D	D
	1997..	D	D
21211013	Coal (bituminous, subbituminous, lignite, and anthracite) produced and used in the same plant as a fuel . . . . .1,000 s tons . .2002..	1.1	X
	1997..	31.5	X
32411017	Distillate (light) grade numbers 1, 2, 4, and light diesel fuel used as a fuel . . . . .1,000 bbl . .2002..	P7 126.8	260 168
	1997..	7 420.4	219 512
32411019	Residual (heavy) grade numbers 5 and 6 and heavy diesel fuel used as a fuel . . . . .1,000 bbl . .2002..	973.9	37 498
	1997..	721.2	20 461
21111015	Gas (natural, manufactured, and mixed) used as a fuel . . . . . bil cu ft . .2002..	S	2 099
	1997..	.7	2 011
32411015	Gasoline used as a fuel . . . . . mil gal . .2002..	P11.8	12 962
	1997..	29.4	24 031
00960018	Other fuels (liquefied petroleum gas, coke, wood, etc.) . . . . .2002..	X	D
	1997..	X	D
00974000	Undistributed fuels . . . . .2002..	X	23 608
	1997..	X	89 002

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.